

INTERNATIONAL SEARCH REPORT

International Application No

T/JP2004/008486

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K31/522 A61K31/519 A61P25/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 177 797 A (FUJISAWA PHARMACEUTICAL CO) 6 February 2002 (2002-02-06) page 16, paragraph 6 - page 18	20, 25-27, 32-34, 39-41, 53, 68
X	EP 0 628 311 A (KYOWA HAKKO KOGYO KK) 14 December 1994 (1994-12-14) page 4 table 1.1 especially compound 2 table 1.5 especially compound 74 ----- -/-	39-44, 53

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

20 September 2004

Date of mailing of the international search report

30/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category.*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 449 175 A (MERRELL DOW PHARMA) 2 October 1991 (1991-10-02) page 8, line 32 - line 45 page 9, line 39 -----	1-4, 20, 24-27, 31-37, 39-44, 53-56, 68
X	WO 03/022283 A (SCHERING CORP) 20 March 2003 (2003-03-20) claims 1-13 page 2, line 30 - line 32 page 5 compound D of present application page 8, line 15 - page 11 page 20, line 30 -----	1, 10-14, 16, 17, 25, 31, 32, 38, 39, 45, 49-52, 54, 60, 64-67
X	EP 1 116 722 A (KYOWA HAKKO KOGYO KK) 18 July 2001 (2001-07-18) paragraph '0005!; table 1 especially compound 7 -----	39, 45-48

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-31 and 38 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1177797	A	06-02-2002	AU 4431000 A	05-12-2000
			EP 1177797 A1	06-02-2002
			WO 0069464 A1	23-11-2000
			US 2004152659 A1	05-08-2004
EP 0628311	A	14-12-1994	AT 216584 T	15-05-2002
			CA 2116967 A1	20-01-1994
			DE 69331843 D1	29-05-2002
			DE 69331843 T2	26-09-2002
			DK 628311 T3	22-07-2002
			EP 0628311 A1	14-12-1994
			JP 2928386 B2	03-08-1999
			NO 940737 A	03-05-1994
			US 5543415 A	06-08-1996
			ES 2176204 T3	01-12-2002
			WO 9401114 A1	20-01-1994
			PT 628311 T	30-09-2002
EP 0449175	A	02-10-1991	US 5047534 A	10-09-1991
			AT 156130 T	15-08-1997
			AU 632914 B2	14-01-1993
			AU 7353791 A	03-10-1991
			CA 2038747 A1	27-09-1991
			CN 1055181 A ,B	09-10-1991
			DE 69127010 D1	04-09-1997
			DE 69127010 T2	13-11-1997
			DK 449175 T3	23-02-1998
			EP 0449175 A2	02-10-1991
			ES 2107431 T3	01-12-1997
			FI 911420 A ,B,	27-09-1991
			GR 3025135 T3	27-02-1998
			HU 56570 A2	30-09-1991
			IE 910982 A1	09-10-1991
			IL 97656 A	18-06-1996
			JP 3181305 B2	03-07-2001
			JP 4221384 A	11-08-1992
			KR 195368 B1	15-06-1999
			NO 911200 A ,B,	27-09-1991
WO 03022283	A	20-03-2003	NZ 237484 A	26-10-1993
			PH 27511 A	18-08-1993
			PT 97133 A ,B	31-12-1991
			ZA 9102038 A	24-12-1991
WO 03022283	A	20-03-2003	CA 2459304 A1	20-03-2003
			EP 1425017 A1	09-06-2004
			WO 03022283 A1	20-03-2003
			US 2003139395 A1	24-07-2003
EP 1116722	A	18-07-2001	AU 756144 B2	02-01-2003
			AU 5757999 A	10-04-2000
			BR 9914040 A	15-01-2002
			CA 2344828 A1	30-03-2000
			EP 1116722 A1	18-07-2001
			HU 0103921 A2	29-04-2002
			NO 20011417 A	21-05-2001
			NZ 510629 A	29-04-2003
			US 6545000 B1	08-04-2003
			CN 1328560 T	26-12-2001

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Information on patent family members

International Application No

T/JP2004/008486

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1116722	A	WO 0017201 A1	30-03-2000